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Attached are the following pages:

Response to Final Office Action mailed October 15, 2007 [17 pages].

**Applicant:** Li, et al.

Group Art Unit:

2862

**Serial No.:** 10/709,212

Examiner:

Kenneth Whittington

Filing Date: April 21, 2004

Atty. Docket No.:

19.0405

Title: Directional Electromagnetic Wave Resistivity Apparatus and Method

P.O. Box 70889 Houston, TX 77270-70889 Telephone: (832) 333-5547 Facsimile: (866) 676-7879 FROM

Appl. No. 10/709,212 Reply to Final Office Action mailed October 15, 2007 19.0405

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DEC 17 2007

Applicant: Li, et al

888 Serial No.: 10/709,212

**Group Art Unit:** 2862 §

Filed: April 21, 2004 Examiner: Kenneth Whittington

Title: **Directional Electromagnetic** 

Wave Resistivity Apparatus

19.0405 Atty. Docket No.:

and Method

Commissioner for Patents PO BOX 1450 Alexandria, VA 22313-1450

## **RESPONSE TO FINAL OFFICE ACTION MAILED OCTOBER 15, 2007**

In response to the Final Office Action mailed October 15, 2007, Applicant requests entry and consideration of the following Remarks and Arguments.

Amendments to the Claims begins on page 2 of this paper.

Remarks/Arguments begins on page 13 of this paper.